

**Disclaimer:**

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

**Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.**

<b>Soil Remediation</b>
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<b>Trial ID:</b> BB1602	<b>Location:</b> Burren Junction	<b>Trial Year:</b> 2016
	<b>Investigator:</b> Brendan Burton	

<b>Application Code:</b>	A	B	C
<b>Application Date:</b>	10/08/2016	13/09/2016	30/11/2016
<b>Application Type:</b>	Gypsum - 2.5t/ha, 5t/ha & 7.5t/ha	TM Agricultural - 250ml/ha	TM Agricultural - 250ml/ha
<b>Application Timing:</b>	Pre-Plant	Pre-Plant	Post-Plant, Post-Emergent
<b>Row Configuration:</b>	Double Skip (6 Rows/12m Width)		
<b>Cropping History:</b>	Wheat 2012, Fallow 2013/2014, Chickpeas 2015, Cotton 2016/2017		
<b>Planting date 2016:</b>	28/10/16		
	NB: Treatments were Handpicked - 27/03/2017		

**Water and soil results immediately prior to planting**

Description				150cm Depth	75cm Depth	37.5cm Depth	Exch Ca	Exch Na
Assessment Date				27/10/2016	27/10/2016	27/10/2016	27/10/2016	27/10/2016
Assessment Type				EM38	EM38	EM38	SOIL TEST	SOIL TEST
Assessment Unit				Ratio	Ratio	Ratio	meq/100g	meq/100g
Treatment-Evaluation Interval				78 DAA	78 DAA	78 DAA	78 DAA	78 DAA
Trt No.	Treatment	Product Rate	Appln. Code					
1	Untreated	-	-	179-	144b	109b	19-	2.0-
2	Gypsum	2500kg/ha	A	177-	145b	112b	19-	2.3-
3	Gypsum	5000kg/ha	A	188-	155a	120a	20-	2.1-
4	Gypsum	7500kg/ha	A	193-	159a	124a	20-	2.1-
5	TM Agricultural	250ml/ha	B	179-	143b	108b	18-	2.0-
	TM Agricultural	250ml/ha	C					
LSD P=				nsd	9.9	6.7	nsd	nsd
Treatment Prob.(F)=				0.1270	0.0136	0.0007	0.2335	0.6316

**Crop results**

Crop Name				Cotton			
Description				28/01/2017	Open Boll	Closed Boll	27/03/2017
Assessment Date				28/01/2017	27/03/2017	27/03/2017	27/03/2017
Assessment Type				NDVI	COUNT	COUNT	YIELD
Assessment Unit				Ratio	/m Row	/m Row	Bales/ha
Crop Stage Majority				63			
Treatment-Evaluation Interval				171 DAA	229 DAA	229 DAA	229 DAA
ARM Action Codes					T1	T2	T3
Trt No.	Treatment	Product Rate	Appln. Code				
1	Untreated	-	-	0.83-	32.4-	0.7-	0.70a
2	Gypsum	2500kg/ha	A	0.86-	32.7-	1.3-	0.66a
3	Gypsum	5000kg/ha	A	0.86-	33.3-	1.1-	0.70a
4	Gypsum	7500kg/ha	A	0.85-	33.3-	0.6-	0.66a
5	TM Agricultural	250ml/ha	B	0.84-	30.3-	0.7-	0.51b
	TM Agricultural	250ml/ha	C				
LSD P=				nsd	nsd	nsd	0.13
Treatment Prob.(F)=				0.5311	0.8305	0.3694	0.0446

Means followed by same letter do not significantly differ (P=.05, LSD)

Mean comparisons performed only when AOV Treatment P (F) is significant at mean comparison OSL.

## Soil Remediation

Trial ID: **BB1602**Location: **Burren Junction**Trial Year: **2016**Assessment Type

NDVI = Normalized difference vegetation index

EM38 = Soil moisture measurement

Assessment Unit

Bales/ha = 227 kg bales per hectare

Exch Ca = Exchange Calcium – mq/100g

Exch Na = Exchange Sodium – mq/100g

ARM Action Codes

T1 = [C2]/2

T2 = [C4]/2

T3 = [3]\*([6]/100)\*5

DAA = Days after Application

<b>Application Description</b>			
	<b>A</b>	<b>B</b>	<b>C</b>
<b>Application Date:</b>	<b>10/08/2016</b>	<b>13/09/2016</b>	<b>30/11/2016</b>
<b>Application Timing:</b>	<b>PREPLANT</b>	<b>PREPLANT</b>	<b>POST-EM CROP</b>
<b>Application Placement:</b>	<b>SOIL</b>	<b>SOIL</b>	<b>FOLIAR</b>